

Voyage Management System VMS VT Professional Integrated Navigation & Bridge Solutions



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VT NAV-ECS & ECDIS

The VMS VT-NAV is available as an ECS or fully Type Approved (DNV) ECDIS. A Universal Chart Manager reads official Hydrographic Office electronic charts in both the raster and vector formats.

Highlights:

- Stand-alone and integrated navigation configurations
- DNV Type Approved ECDIS
- Universal Chart Manager reads Rasterscan & S-57 (DX-90) charts
- Optional Radar video integration
- Configurable as multi-function station
- Hardware and software are fully upgradable

Vessel Advance Prediction

This highly desirable feature offers a graphical future estimate of the vessel's advance at the operator selected time intervals. A call up alphanumeric window provides all necessary advance and maneuvering data for ship handling.

Highlights:

- Multi-sensor approach to advance prediction
- Scaled ownship outline
- Operator selected prediction time intervals
- Fully integrated with ECDIS and optional Automatic Navigation and Track Keeping System (ANTS) module

Conning Information Display (CID)

Central display of navigation, maneuvering, machinery and alarm status. Easy to read screens with large alphanumeric and graphic data.

Highlights:

- Configurable screens
- Interface flexibility
- Stand-alone and integrated navigation configurations
- Configurable as multi-function station or ECDIS back-up

Navigation Planning Station

Independent workstation facilitating chart inventory management, chart corrections and route planning. Optional software modules include weather station, weather routing and voyage optimization (VOSS).

Highlights:

- Configurable as multi-function station ECDIS back-up
- Network option available for interface to new ECDIS section
- Complete printout functionality
- Optional VOSS module



Automatic Navigation & Track Keeping System (ANTS)

The optional ANTS module determines ship's present position, monitors advance against the planned track and determines the correct heading and speed orders to keep the ship on the prescribed track.

Highlights:

- DNV Watch One system certification
- Operator selected tracking mode
- Interfaces directly to approved autopilot and speed control systems
- Operates in heading, course and track modes

Record and Playback Display

Records and plays back important voyage navigation, for post-incident evaluation and crew training. The system is fully configurable and expandable to meet customer requirements.

Highlights:

- Operator selectable recording intervals
- Excellent tool for watch officer training

Vessel Optimization and Safety System (VOSS)

Optional module offers decision support aid for vessel's master and shoreside managers. The VOSS workstation integrates state-of-the-art seven day weather and sea forecast with a ship specific module for route planning and seakeeping advisory program. VOSS in the NAV PLANNING STATION or as an independent workstation is configurable as a module.

Highlights:

- Download weather
- Analyze alternative routes
- · Enhances safety and reduces fuel costs

AIS Target Display

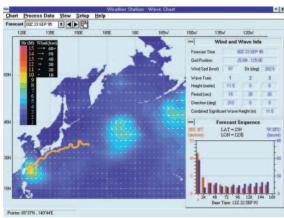
The AIS Target display feature allows for the display of AIS target on the electronic chart. The feature contains unique target correlation capability that correlates AIS targets with radar targets in a single display. A simple operator command provides fast access to a 'Pop Up" target data window that displays complete AIS information.

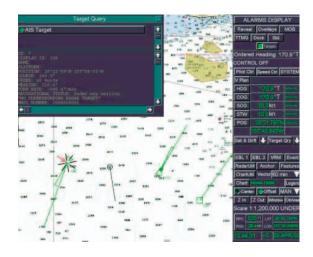
SeaNET VT

Industry standard (Ethernet) local area network providing reliable integration for VMS VT subsystems.



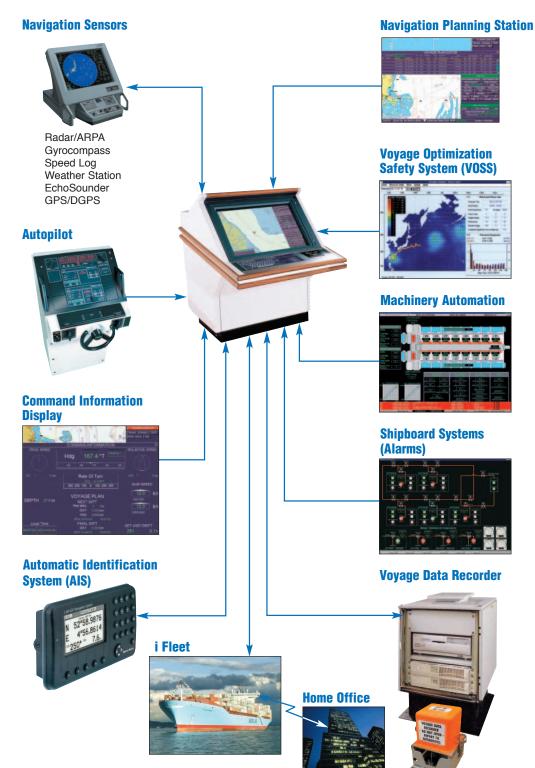






Sperry Marine

Voyage Management System - VT - Portfolio of Solutions





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